

Table C-7. Preliminary Federal obligations for total research and development, by agency and character of work: fiscal year 2002

[Dollars in thousands]

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Agency and subdivision	Total	Research		Development		
		Basic	Applied	Total	Advanced technology	Major systems
Total, all agencies	80,645,451	23,399,291	21,927,617	35,318,543	NA	NA
Departments:						
Department of Agriculture, total	1,805,885	848,751	806,899	150,235	NA	NA
Agricultural Marketing Service	5,164	0	4,401	763	NA	NA
Agricultural Research Service	980,335	529,381	362,724	88,230	NA	NA
Animal & Plant Health Inspection Service	23,389	0	0	23,389	NA	NA
Cooperative State Rsch, Ed, & Extension Svc	476,821	213,786	263,035	0	NA	NA
Economic Research Service	67,200	6,720	60,480	0	NA	NA
Foreign Agricultural Service	1,422	808	614	0	NA	NA
Forest Service	236,000	96,760	106,200	33,040	NA	NA
Grain Inspection Packers & Stockyards Admin	6,016	0	1,203	4,813	NA	NA
National Agricultural Statistics Service	3,938	1,296	2,642	0	NA	NA
Rural Business-Cooperative Service	5,600	0	5,600	0	NA	NA
Department of Commerce, total	1,111,554	53,351	966,880	91,323	NA	NA
Economic Development Administration	550	0	550	0	NA	NA
National Institute of Standards & Technology	343,427	48,809	247,606	47,012	NA	NA
National Oceanic & Atmospheric Administration	748,074	4,542	714,724	28,808	NA	NA
Nat'l Telecommunications & Information Admin	19,503	0	4,000	15,503	NA	NA
Department of Defense, total	34,235,264	1,363,205	3,657,023	29,215,036	3,968,064	25,246,972
Defense Agencies, total	7,937,000	518,154	1,676,969	5,741,877	2,098,680	3,643,197
Ballistic Missile Defense Organization	2,992,376	0	23,118	2,969,258	219,482	2,749,776
Chemical and Biological Defense ¹	395,800	33,206	89,658	272,936	49,511	223,425
Defense Advanced Research Projects Agency	2,341,058	116,692	1,186,590	1,037,776	948,495	89,281
Defense Information Systems Agency	216,417	0	0	216,417	0	216,417
Defense Logistics Agency	51,860	0	8,834	43,026	37,917	5,109
Defense Threat Reduction Agency	361,853	0	232,095	129,758	129,758	0
Joint Staff	59,962	0	0	59,962	59,962	0
Special Operations Command	253,175	0	22,776	230,399	99,710	130,689
TRICARE Management Activity ²	114,040	50,360	0	63,680	0	63,680
Washington Headquarters Services	1,150,459	317,896	113,898	718,665	553,845	164,820
Department of the Air Force	10,130,255	238,089	751,026	9,141,140	651,592	8,489,548
Department of the Army, total	6,263,493	208,156	661,622	5,393,715	NA	NA
Department of the Army, Civil Functions ³	44,349	2,661	23,948	17,740	NA	NA
Department of the Army, Military Functions	6,219,144	205,495	637,674	5,375,975	611,043	4,764,932
Department of the Navy	9,703,478	398,806	567,406	8,737,266	589,009	8,148,257
Operational Test & Evaluation, Director	201,038	0	0	201,038	0	201,038
Department of Education	268,417	2,126	183,921	82,370	NA	NA
Department of Energy	6,321,757	2,339,169	2,165,057	1,817,531	NA	NA
Department of Health & Human Services, total	23,815,897	12,969,005	10,166,479	680,413	NA	NA
Administration for Children & Families	28,508	0	28,508	0	NA	NA
Agency for Healthcare Research and Quality ⁴	306,245	0	287,870	18,375	NA	NA
Agency for Toxic Substances Disease & Registry ⁵	16,124	0	16,124	0	NA	NA
Centers for Disease Control & Prevention	568,510	0	568,510	0	NA	NA
Food & Drug Administration	158,519	0	158,519	0	NA	NA
Health Care Financing Administration	55,311	0	55,311	0	NA	NA
Health Resources & Services Administration	20,855	1,190	19,665	0	NA	NA
National Institutes of Health ⁶	21,982,487	12,967,815	9,014,672	0	NA	NA
Office of the Secretary, total	20,604	0	17,300	3,304	NA	NA
Office of the Asst Sec, Planning & Evaluation	17,300	0	17,300	0	NA	NA
Office of Public Health & Science	3,304	0	0	3,304	NA	NA
Substance Abuse & Mental Health Svcs Admin ⁷	658,734	0	0	658,734	NA	NA
Department of Housing & Urban Development	44,104	0	15,338	28,766	NA	NA

See explanatory information, if any, and SOURCE at end of table.

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Agency and subdivision	Total	Research		Development		
		Basic	Applied	Total	Advanced technology	Major systems
Department of the Interior, total	564,391	53,722	478,941	31,728	NA	NA
Bureau of Reclamation	8,400	0	6,300	2,100	NA	NA
Geological Survey	490,780	53,024	408,128	29,628	NA	NA
Minerals Management Service	29,433	0	29,433	0	NA	NA
National Park Service	35,778	698	35,080	0	NA	NA
Department of Justice, total	78,982	21,250	20,475	37,257	NA	NA
Bureau of Prisons	7,953	0	3,400	4,553	NA	NA
Federal Bureau of Investigation	13,194	0	0	13,194	NA	NA
Immigration & Naturalization Service	600	0	0	600	NA	NA
Office of Justice Programs	57,235	21,250	17,075	18,910	NA	NA
Department of Labor, total	90,608	11,000	38,337	41,271	NA	NA
Bureau of Labor Statistics	12,300	11,000	1,300	0	NA	NA
Employment & Training Administration	67,225	0	27,554	39,671	NA	NA
Occupational Safety & Health Administration	5,661	0	5,661	0	NA	NA
Office of the Secretary	1,150	0	225	925	NA	NA
Pension & Welfare Benefits Administration	3,538	0	3,538	0	NA	NA
Pension Benefit Guaranty Corporation	734	0	59	675	NA	NA
Department of State ⁸	1,550	0	1,550	0	NA	NA
Department of Transportation, total	584,951	33,196	387,552	164,203	NA	NA
Coast Guard	22,644	0	5,661	16,983	NA	NA
Federal Aviation Administration	259,231	0	187,781	71,450	NA	NA
Federal Highway Administration	177,872	33,196	93,015	51,661	NA	NA
Federal Motor Carrier Safety Administration ⁹	14,128	0	9,890	4,238	NA	NA
Federal Railroad Administration	29,878	0	26,678	3,200	NA	NA
Federal Transit Administration	7,120	0	0	7,120	NA	NA
National Highway Traffic Safety Admin	59,042	0	59,042	0	NA	NA
Office of the Secretary	5,193	0	0	5,193	NA	NA
Research & Special Programs Administration	9,843	0	5,485	4,358	NA	NA
Department of the Treasury, total	79,257	30	67,260	11,967	NA	NA
Bureau of Engraving & Printing	3,500	30	3,192	278	NA	NA
Internal Revenue Service	68,917	0	61,748	7,169	NA	NA
Office of Thrift Supervision	219	0	219	0	NA	NA
United States Customs Service	4,900	0	1,000	3,900	NA	NA
United States Mint	620	0	0	620	NA	NA
United States Secret Service	1,101	0	1,101	0	NA	NA
Department of Veterans Affairs	360,237	157,690	195,333	7,214	NA	NA
Other agencies:						
Appalachian Regional Commission	750	0	750	0	NA	NA
Broadcasting Board of Governors ¹⁰	100	0	100	0	NA	NA
Environmental Protection Agency ⁵	535,035	97,570	344,565	92,900	NA	NA
Federal Communications Commission	1,348	0	1,348	0	NA	NA
Federal Trade Commission	1,484	0	1,484	0	NA	NA
International Development Cooperation						
Agency, total	227,321	100	200,913	26,308	NA	NA
Agency for International Development ¹¹	227,321	100	200,913	26,308	NA	NA
Library of Congress	2,559	0	963	1,596	NA	NA
National Aeronautics & Space Administration ¹²	7,259,400	2,548,050	1,872,925	2,838,425	NA	NA
National Archives & Records Administration	120	0	120	0	NA	NA
National Science Foundation	3,017,080	2,799,076	218,004	0	NA	NA

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Nuclear Regulatory Commission	55,000	0	55,000	0	NA	NA
Smithsonian Institution	102,000	102,000	0	0	NA	NA
Social Security Administration	80,400	0	80,400	0	NA	NA

- ¹ Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.
- ² TRICARE Management Activity oversees the delivery of healthcare to active duty and retired members of the uniformed services and their family members and survivors.
- ³ The Department of the Army, Civil Functions (Corps of Engineers) development activities are appropriated by the Energy & Water Development Act and therefore cannot be categorized according to the advanced technology and major systems development breakdown. For accounting purposes the funds are shown in the advanced technology column for the Department of Defense.
- ⁴ The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.
- ⁵ Prior to fiscal year 2000, data reported for the Environmental Protection Agency included R&D data for the Agency for Toxic Substances and Disease Registry.
- ⁶ Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.
- ⁷ Data for fiscal years 2000-2002 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.
- ⁸ Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.
- ⁹ The Federal Motor Carrier Safety Administration, formerly a part of the Federal Highway Administration, was established within the Department of Transportation on January 1, 2000, as stated in the Motor Carrier Safety Improvement Act of 1999 (Public Law No. 106-159, 113 Stat. 1748 (December 9, 1999)).
- ¹⁰ The Broadcasting Board of Governors became an independent Federal entity on October 1, 1999, as mandated by the Foreign Affairs Reform and Restructuring Act (Public Law 105-277) signed by the President on October 21, 1998.
- ¹¹ Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 2000-2002) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-96). More accurate data for AID will be reported in future volumes of this survey.
- ¹² Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.

KEY: NA = Not applicable (data are not collected in this category for this agency)

NOTES: Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002